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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/087,127	02/28/2002	Stephen Hebert	488422000600	4406

7590 06/10/2005

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EXAMINER

NGUYEN, VI X

ART UNIT PAPER NUMBER

3731

DATE MAILED: 06/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/087,127	Applicant(s) HEBERT ET AL.	
	Examiner Victor X. Nguyen	Art Unit 3731	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 7, 8, 10, 12 and 33-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 7, 8, 10, 12 and 33-45 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The request filed on 5/9/2005 for Continued Examination (RCE) under 37 CFR 1.114 based on parent Application No. 10/087,127 is acceptable and a RCE has been established. An action on the RCE follows.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-3,8,10 ,33-39 and 41-45 are rejected under 35 U.S.C. 102(e) as being anticipated by Cryer (U.S.6,280,465).

Cryer discloses in Fig. 1, a stent delivery system for the treatment of vascular stenoses having the limitations of the above listed claims, including: an elongate guide-wire (12), a radially expandable stent (14) positioned coaxially on and in direct contact with the guide-wire towards the distal end such that the stent can be placed by and moved by the guide-wire, where a tubular sheath member (16a) covers at least a portion of the guide-wire. The sheath is retractable from a first position where the stent is covered by the sheath to a second position where the stent is uncovered, and where the system further comprises a coil (22) which is a radio-opaque disposed at the distal end of the guide-wire (12), where Cryer further discloses the system having the expandable stent that comprises of a radiopaque material, i.e., platinum or a shape memory alloy (i.e., the shape memory alloy comprises of Nitinol) (see col. 8 lines 9-16). Note

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that the procedure in fig. 1 is capable of having the stent that is releasably connected to the guide-wire, where the stent is positioned on a reduced diameter portion of the guidewire, and where the system further comprises stops (16b,38) on the guide-wire, where the stop has a height that is less than an internal diameter of the sheath, where the stent (14) is axially spaced from the first and second stops to provide a gap therebetween (fig. 1).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7 and 40 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Cryer (6,280,465) in view of McIntosh et al (6,679,909).

Cryer teaches all limitations substantially as claimed except at least one radio-paque marker band located on a guide-wire. McIntosh et al teach at least one radio-paque marker band located on the guide-wire (figs. 4, 62) in order to provide a visual indicator that permits the user easily to monitor the operation of a device. It would have been obvious to one having ordinary skill in the art at the time the invention to modify Cryer by making one radio-paque marker band as taught by McIntosh in order to provide a visual indicator that permits the user easily to monitor the operation of a device.

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Claim 12 is rejected under 35 U.S.C. 103 (a) as being unpatentable over Cryer in view of McIntosh et al (6,679,909), as applied to claims 7 and 40 above, and further in view of Gould et al (4,586,923).

Cryer and McIntosh et al teach all limitations substantially as claimed except a flush port locates near a proximal end of the sheath. Gould et al teach the flush port locates near a proximal end of the sheath (figs. 3, 56) in order to advantageously attach other biomedical devices. Furthermore, it helps to facilitate introducing fluid material into the present device. It would have been obvious to one having ordinary skill in the art at the time the invention to modify Cryer et al by adding the flush port as taught by Gould in order to advantageously attach other biomedical devices. Furthermore, it helps to facilitate introducing fluid material into the present device.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor X. Nguyen whose telephone number is (571) 272-4699. The examiner can normally be reached on M-F (8-4.30 P.M).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anh Tuan Nguyen can be reached on (571) 272-4963. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Victor X Nguyen
Examiner
Art Unit 3731

Vn *VN*
6/7/2005



JULIAN W. WOO
PRIMARY EXAMINER